ODULE / TRANSITION MODULE) REVIEW CHECKLIST

Module Name: ___ MINOS MASTER CARD **Transition Module Name: _____** MINOS MASTER AUXILIARY Board	**Information Included**						**Comments**
	Module			**Transition Module**			
	YES	NO	N/A	YES	NO	N/A	
General							
Overall Module/Transition Module description of operation and I/O & control							
Schematics	X						SEE SCHEMATICS
Connector types	X						SEE CONNECTOR DRAWINGS
General protocol timing diagrams			X				
Pinouts	X						SEE SCHEMATIC PAGES 2-9, 31, 32
Module has associated Transition Module	X						SEE MINOS MASTER AUXILIARY BOARD
Mechanical							
Any special subrack requirements		**X**					
PC board							
Mechanical drawings	X						SEE FABRICATION DRAWING
Board thickness & top, bottom edge milling to 0.062 inch	X						SEE FABRICATION DRAWING
Stiffeners	X						SEE STIFFENER BARS DRAWING
Warpage		X					STANDARD ACCEPTABLE
Chamfers	X						SEE FABRICATION DRAWING
Clearances checked (both sides)		X					7 mil LINES, 7 mil SPACING
Non-circuitry areas		X					
Connector types							
Specials			X				
ESD protection							
Strip (w/o soldermask over it)	X						SEE PROTOTYPE BOARD
ESD discharge resistors	X						SEE PROTOTYPE BOARD
Front panel							
Module / Transition Module has front panel	X						SEE PROTOTYPE BOARD & FRONT PANEL DRWG.
Injector / ejector / locking handles w / lock washers or liquid threadlock		X					
Center support w / lock washer or liquid threadlock		X					NONE USED (NO PLACE TO ATTACH)
LEDs, test points & labeling		X					SEE PROTOTYPE BOARD
Connected to board circuitry		X					FRONT PANEL IS ISOLATED
Isolated connectors (cable shield connections & terminations)	X						SEE SCHEMATIC PAGES 2-9
Transition card J2 connector (or shell for alignment)							
Keying							
Any special keying requirements		X					
Test & repair							
Extenders							
List of standard & special connectors			X				
Special hardware			X				
Test fixtures			X				
Open side subrack			X				
Electrical							
Any special subrack requirements			X				
Power requirements							
Power pins used	X						SEE SCHEMATIC PAGE 31 & POWER LAYER DRWG.
Voltages & currents (module only)	X						SEE VOLTAGE & CURRENT SHEET
If very low currents (e.g., +12 V supply) why not DC-DC converters?			X				
Power to Transition Module (how?)			X				NO POWER NEEDED ON TRANSITION MODULE
Overcurrent (fuses) & overvoltage (tranzorbs) protected	X						SEE SCHEMATIC PAGE 31
I/O connector types, pinouts, inputs / outputs & signal levels (technology)							
Front panel	X						LVDS SIGNAL LEVELS & SEE CONNECTOR DRWG.
Rear (front) panel							
J3 backplane area	X						LVDS SIGNAL LEVELS & SEE CONNECTOR DRWG.
Cable shrouds & latches			X				
Cable shield connections	X						SEE SCHEMATIC PAGES 2-9
Power							
Power density		X					
Power distribution	X						USED +5V POWER PLANE & SEE POWER PLANE DR
Air Flow							
Blockage		X					
Diverters for hot spots			X				